

Proposed amendment to Claim 1 (for discussion only):

1. (currently amended) An acetabular reamer for cutting a ~~required-overall~~ cut shape, wherein the cut shape defines ~~defining~~ a smooth, continuous macro geometric profile, the reamer comprising a cutting shell having a profile substantially parallel to the macro geometric profile and having cutting teeth thereon, wherein at least two of the teeth have a matched arc cutting edge in the form of a plateau oriented substantially parallel to the profile of the shell, and connected to the shell by adjacent rise portions, such rise portions buttressing the matched arc cutting edge by providing lateral support therefor, the matched arc cutting edge following along a substantial portion of the macro geometric profile ~~of the overall cut shape~~, and, when combined with that of the other of the at least two such teeth on the reamer, the combination of matched arc cutting edges making up a further substantial portion of the macro geometric profile to be cut, ~~thereby reducing a number of teeth required to cut the macro geometric profile of the overall cut shape.~~

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1. (currently amended) An acetabular reamer for cutting a cut shape, wherein the cut shape defines a smooth, continuous macro geometric profile, the reamer comprising a cutting shell having a profile substantially parallel to the macro geometric profile and having cutting teeth thereon, wherein at least two of the teeth have a matched arc cutting edge in the form of a plateau oriented substantially parallel to the profile of the shell, and connected to the shell by adjacent rise portions, such rise portions buttressing the matched arc cutting edge by providing lateral support therefor, the matched arc cutting edge following along a substantial portion of the macro geometric profile, and, when combined with that of the other of the at least two such teeth on the reamer, the combination of matched arc cutting edges making up a further substantial portion of the macro geometric profile to be cut.